

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB 97/02940

A. CLASSIFICATION OF SUBJECT MATTER

IPC 6 F04D19/00 F04D17/06 F04D29/28 F04D29/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 6 F04D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data bases consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2 687 844 A (WOODWARD) 31 August 1954 see the whole document ---	1,2,5,6, 9
A	FR 2 277 017 A (TEMAFA) 30 January 1976 see the whole document ---	1,3
A	DE 949 899 C (DUFETY) 27 September 1956 see the whole document ---	1,5,7-9, 11
A	US 4 599 041 A (STRICKER) 8 July 1986 see column 10, line 28 - line 35; figure 5 ---	1,7-9
A	DE 19 58 433 A (NORDISK VENTILATOR) 18 June 1970 see the whole document ---	1,8
		-/-



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "U" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "A" document member of the same patent family

1

Date of the actual completion of the international search

23 February 1998

Date of mailing of the international search report

27/02/1998

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl

Authorized officer

INTERNATIONAL SEARCH REPORT

Int. and Application No
PCT/GB 97/02940

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 1 513 039 A (WOODS OF COLCHESTER) 9 February 1968 see the whole document -----	1,5,6,11

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte onal Application No
PCT/GB 97/02940

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2687844 A	31-08-54	NONE		
FR 2277017 A	30-01-76	DE 2432239 A		15-01-76
		AT 341418 B		10-02-78
		BE 831040 A		03-11-75
		BR 7504241 A		06-07-76
		CH 612648 A		15-08-79
		GB 1514756 A		21-06-78
		JP 986259 C		07-02-80
		JP 51035728 A		26-03-76
		JP 54017054 B		27-06-79
		US 4035030 A		12-07-77
DE 949899 C		NONE		
US 4599041 A	08-07-86	NONE		
DE 1958433 A	18-06-70	DK 119369 B		21-12-70
		NL 6917497 A		26-05-70
FR 1513039 A	26-04-68	BE 694998 A		14-08-67
		DE 1628421 A		09-09-71
		GB 1141198 A		
		NL 6703339 A		05-09-67
		SE 311971 B		30-06-69